

This listing of claims will replace all prior versions, and listings, of claims in the application:

5453041
Claim 1 (Currently amended): A sharpening burr for dressing the grinding surface of a pulpstone, said sharpening burr comprising:

a ~~cylindrical~~ body having a rotational axis, an outer cylindrical surface about said rotational axis, and a pair of opposite ends bounding said outer cylindrical surface; and

a plurality of teeth formed on said outer cylindrical surface for engaging said grinding surface of said pulpstone, each of said plurality of teeth having a pair of opposite sides connected by a rounded tip portion;

(wherein each of said plurality of teeth traverses an axial distance substantially equal to an axial distance between said pair of opposite ends bounding said outer cylindrical surface.

Not disclosed
Claim 2 (original): The sharpening burr according to claim 1, wherein each of said pair of opposite sides is linear in profile.

Claims 3-24 (Withdrawn)

Claim 25 (Original): In a sharpening burr for dressing the grinding surface of a pulpstone, said sharpening burr comprising a cylindrical body having an outer surface and an axis of rotation, and a plurality of teeth formed on said outer surface for engaging said grinding surface of said pulpstone, the improvement comprising:

each of said plurality of teeth having a lead angle relative to said axis of rotation that varies with axial position along said cylindrical body.

Claim 26 (Original): The improvement according to claim 25, wherein said variation in said lead angle is a periodic variation.

Claim 27 (Original): The sharpening burr according to claim 26, wherein said variation in said lead angle is a sinusoidal variation.